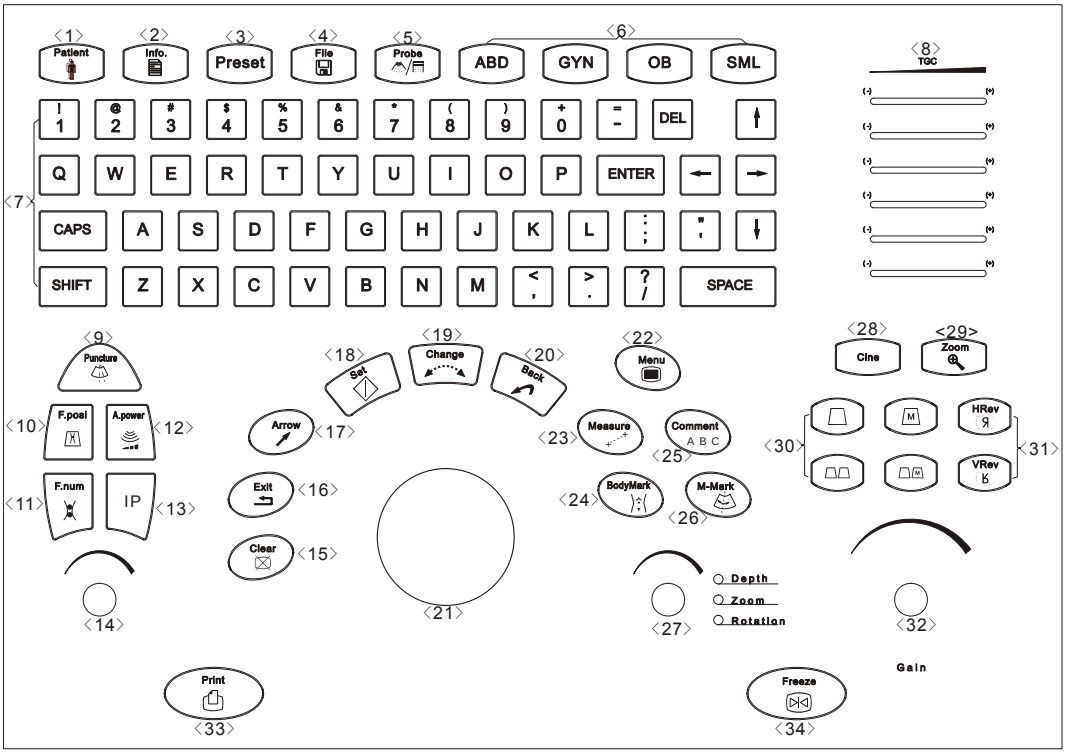
Digital Ultrasonic Diagnostic Imaging System

Operation Note

Model DP-8800Plus/DP-8600

This operation note is a quick operation reference for the DP-8800Plus/DP-8600, which briefly describes the control panel and the basic operating procedures of the menus. Refer to the operator's manual for details.

Control Panel



NO.	Key Name	Function
<1>	Patient	Delete the data for the previous patient, including the ID and measured values, and begin with a new patient.
<2>	Info	The patient information screen appears.
<3>	Preset	Invoke the registered initial settings (presets).
<4>	File	Quickly save image files
<5>	Probe	Switch transducers
<6>	ABD/GYN/OB/SML	Select exam mode

NO.	Key Name	Function
<7>	Character Key	Used to enter characters and symbols When backlight of SHIFT key is on, the symbol in the upper row on keys can be entered. When pressing CAPS key, the capital letter can be entered.
<8>	TGC	Adjust the ultrasound echo reception sensitivity according to the depth from the body surface
<9>	Puncture	Enter biopsy menu
<10>	F.Posi	Enter the focus position adjusting mode
<11>	F.Num	Enter the focus number adjusting mode
<12>	A.power	Enter the acoustic power adjusting mode
<13>	IP	Adjust the image quality according to the registered image conditions
<14>	Parameter adjust knob	Adjust some value of Puncture, F.Posi, F.Num, A.Power and IP with combination of corresponding key
<15>	Clear	Clear comments, BodyMark, measurements and results on screen
<16>	Exit	Exit the current work mode
<17>	Arrow	Enter the arrow comment mode and add arrows
<18>	Set	Determine the cursor position for measurement, and confirm the selected items, and adjust the value or items in menus etc
<19>	Change	Change the fixed end or active end in measurement
<20>	Back	Delete the comment or the previous operations, and adjust the value or items in menus etc
<21>	Trackball	Move the cursor or mark during image movement or measurement
<22>	Menu	Open or close the menu on screen
<23>	Measure	Go into measurement mode
<24>	BodyMark	Enter BodyMark mode
<25>	Comment	Go into comment mode
<26>	M-Mark	Enter M-Mark mode
<27>	Depth/Zoom/ Rotation	Adjust the viewing depth for display, the zoom mode, and the arrow rotation of the ultrasound images
<28>	Cine	Enter the manual playback mode
<29>	Zoom	Enter the mode of amplifying the image
<30>	B/M/M+B/B+B	Select display mode
<31>	HRev / VRev	Reversal the image horizontally or vertically

NO.	Key Name	Function
<32>	Gain	Adjust the sensitivity of black/white images
<33>	Print	Activate a printing function for a video printer connected
<34>	Freeze	Freeze and unfreeze the image. If the image is frozen, output of acoustic power is stopped. In the Freeze status, the user can perform file-saving operations via the Freeze menu.

Menu Operating Procedures

Basic Operations:

(1) Press the 『Menu』 key to display the related menu.

(2) Turn the trackball to move the cursor to the desired item.

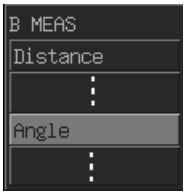
(3) Press the 『Set』 key to adjust the value of the item or perform corresponding operation.

(4) To close the menu, press the 『Menu』 key again.

The menus are classified into four types: command item, number item, switch item and character item. Now an example operation will be given for each type.

Command Item:

Command items are used to order the system to execute an action, such as popping up a dialog box or starting a measurement, etc.



Use the [Angle] item in the menu of B MEAS as an example.

Roll the trackball to the highlight [Angle] item, press the 『Set』 key to enter the Angle Measurement.

Number Item:

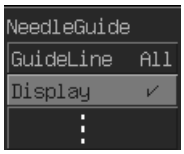
Number items are used to adjust the value of the specified parameter in the menu. The name of the parameter being adjusted is displayed in the left side of the menu item while the value is in its right.

Use the [Dyn Rng] item in the B MODE MENU as an example.

Roll the trackball to highlight the [Dyn Rng] item. Press the 『Set』 key to increase the value and the 『Back』 key to reduce the value.

Switch Item:

Use Switch items to adjust the parameter having only two states: On and Off. The name of the parameter being adjusted is displayed in the left side of the item and the symbols like "√" or "×" in its right indicating On or Off respectively.

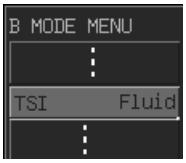


Use the [Display] item as an example.

Roll the trackball to highlight the [Display] item. Press the 『Set』 or the 『Back』 key to toggle between On and Off.

Character item:

About the character items, the name of the parameter being adjusted is displayed in the left side of the item and value in its right. What is different from the number items is that the value is displayed in characters.



Use the [TSI] item in the B MODE MENU as an example.

Roll the trackball to highlight the [TSI] item. Press the 『Set』or the 『Back』 key to toggle among the values of the character items.

© 2006-2007 Shenzhen Mindray Bio-medical Electronics Co., Ltd. All Rights Reserved.

2131-20-71788(V1.3)